

Rabbit anti-Mouse C1QB Polyclonal Antibody | anti-C1QB antibody

Anti-C1QB Antibody, Rabbit Polyclonal

CATALOG # AAA254868	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry
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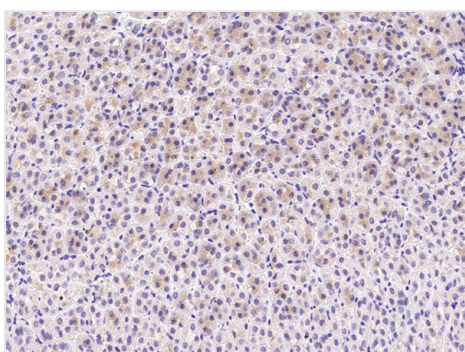
PRODUCT SYNONYMS

C1QB; Polyclonal Antibody; Anti-C1QB Antibody; Rabbit Polyclonal; C1qB Antibody; Rabbit PAb; Antigen Affinity Purified; complement component 1; q subcomponent; B chain; anti-C1QB antibody

PRODUCT SPECIFICATIONS

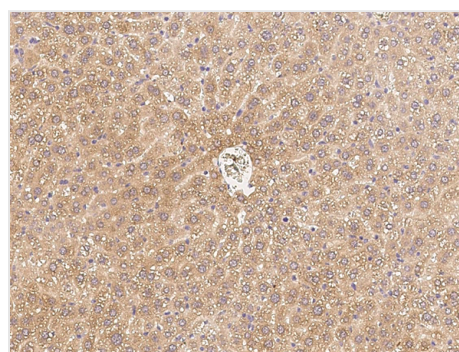
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse C1qB
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-C1QB antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse C1qB
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse C1qB, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse C1qb in mouse stomach with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of mouse C1qb in mouse liver with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-C1QB antibody	Complement Component 1, q subcomponent (C1q) associates with C1r and C1s in order to yield the first component of the serum complement system. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Southern blot analysis of chromosomal DNA from vertebrate species demonstrated highest similarity between the C1qB genes, followed by C1qC and finally C1qA. Sequence comparison of C1q from three different species have shown that the B chains have the strongest similarity. C1q was already present at embryonic day 14 (E14) and showed little change in abundance through six weeks postnatal. At E16, C1qB mRNA was present at high abundance in putative microglia/macrophages in cortical marginal and intermediate zones, and hippocampal analge.
Product Categories/Family for anti-C1QB antibody	Complement Activation Pathways
References	Pasinetti GM, et al. (1992) Complement C1qB and C4 mRNAs responses to lesioning in rat brain. Experimental neurology. 118(2): 117-25.Johnson SA, et al. (1994) Expression of complement C1qB and C4 mRNAs during rat brain development. Brain Res Dev Brain Res. 80(1-2): 163-74.Grewal RP, et al. (1999) C1qB and clusterin mRNA increase in association with neurodegeneration in sporadic amyotrophic lateral sclerosis. Neuroscience letters. 271(1): 65-7.Spielman L, et al. (2002) Induction of the complement component C1qB in brain of transgenic mice with neuronal overexpression of human cyclooxygenase-2. Acta neuropathologica. 103(2): 157-62.

NCBI AND UNIPROT INFORMATION

NCBI GI #	408359989
NCBI GeneID	12260
UniProt Accession #	P14106; Q3U793
Molecular Weight	~54kD (SDS-PAGE)
NCBI Official Full Name	Complement C1q subcomponent subunit B
NCBI Official Synonym Full Names	complement component 1, q subcomponent, beta polypeptide
NCBI Official Symbol	C1qb
NCBI Protein Information	complement C1q subcomponent subunit B
UniProt Protein Name	Complement C1q subcomponent subunit B
UniProt Gene Name	C1qb
UniProt Entry Name	C1QB_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/c1qb-antibody-immunohistochemistry-elisa/254868>